

FIG. 1A

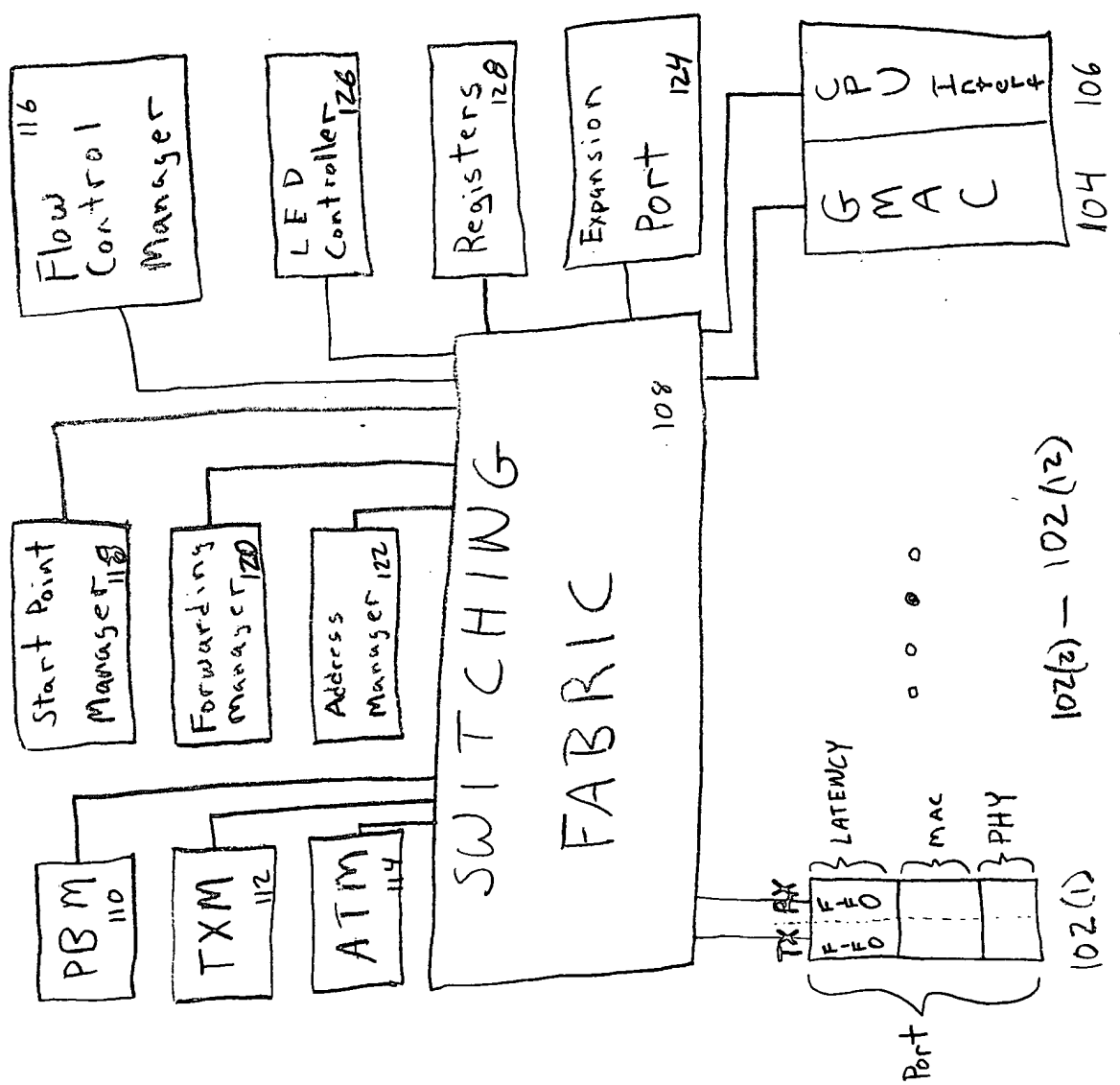


FIG. 1B

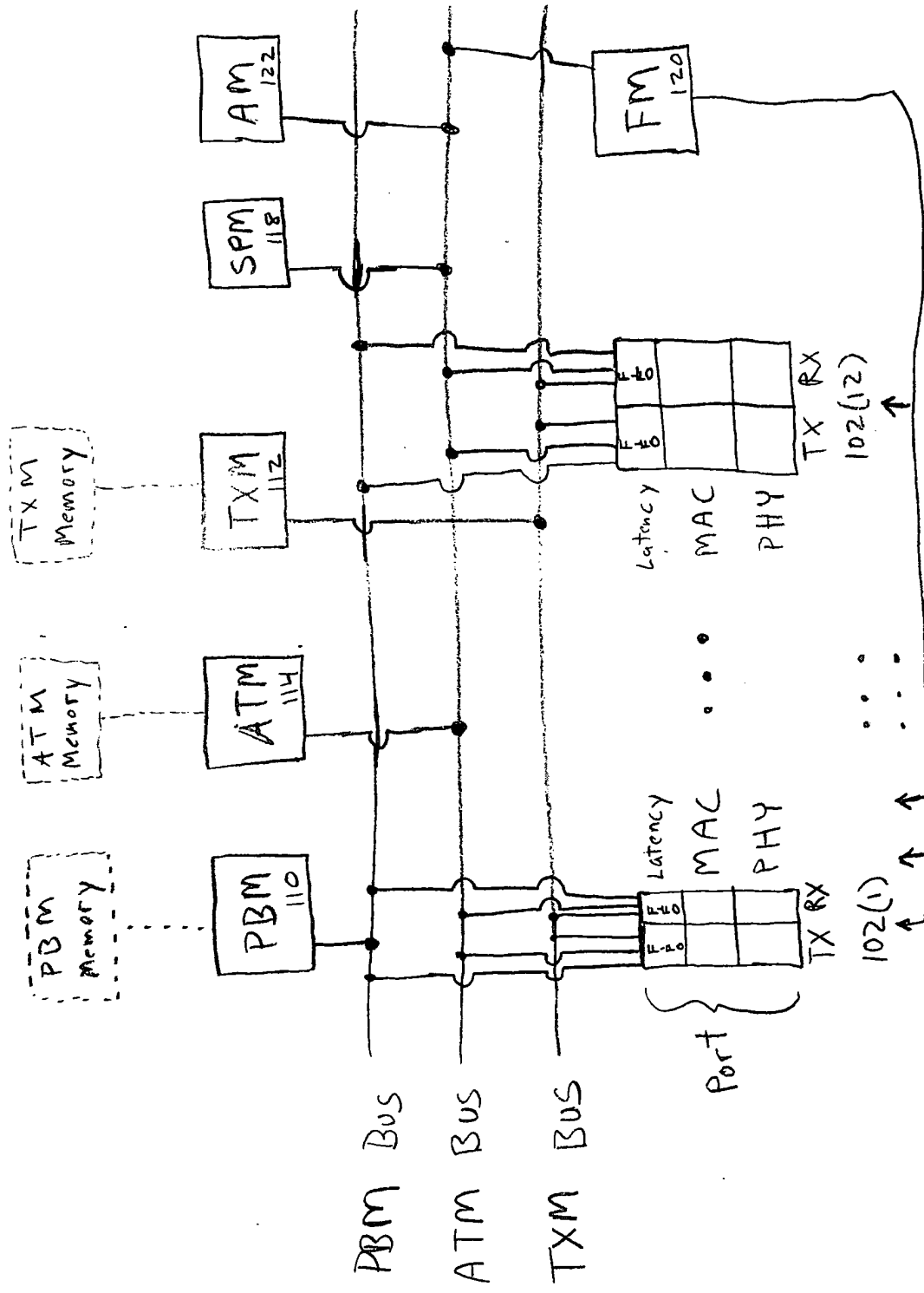


FIG. 1B

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graph TD; Start(( )) --> D1{IS Memory Being Written to?}; D1 -- Y --> P1[Increment Counter]; P1 --> D1; D1 -- N --> D2{IS Memory Being Freed?}; D2 -- Y --> P2[Decrement Counter]; P2 --> D2; D2 -- N --> D3{is Counter ≥ 1st threshold?}; D3 -- Y --> P3[Transmit 1st Command]; P3 --> D3; D3 -- N --> D4{IS Counter ≥ 2nd threshold?}; D4 --> P4[Transmit 2nd Command]; P4 --> D4; D4 --> End(( ));
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The flowchart describes a process for managing memory and transmitting commands. It starts with a decision diamond (200) asking "IS Memory Being Written to?". If "Y" (Yes), it goes to process rectangle (202) "Increment Counter" and loops back to the start. If "N" (No), it goes to decision diamond (204) asking "IS Memory Being Freed?". If "Y", it goes to process rectangle (206) "Decrement Counter" and loops back to the start. If "N", it goes to decision diamond (208) asking "is Counter ≥ 1st threshold?". If "Y", it goes to process rectangle (210) "Transmit 1st Command" and loops back to the start. If "N", it goes to decision diamond (212) asking "IS Counter ≥ 2nd threshold?". If "Y", it goes to process rectangle (214) "Transmit 2nd Command" and loops back to the start. If "N", it ends the process.

FIG. 2A

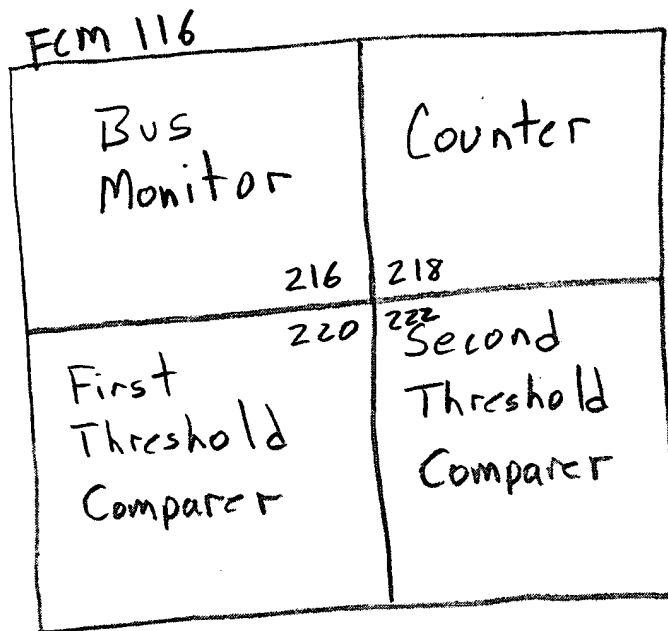


FIG. 2B

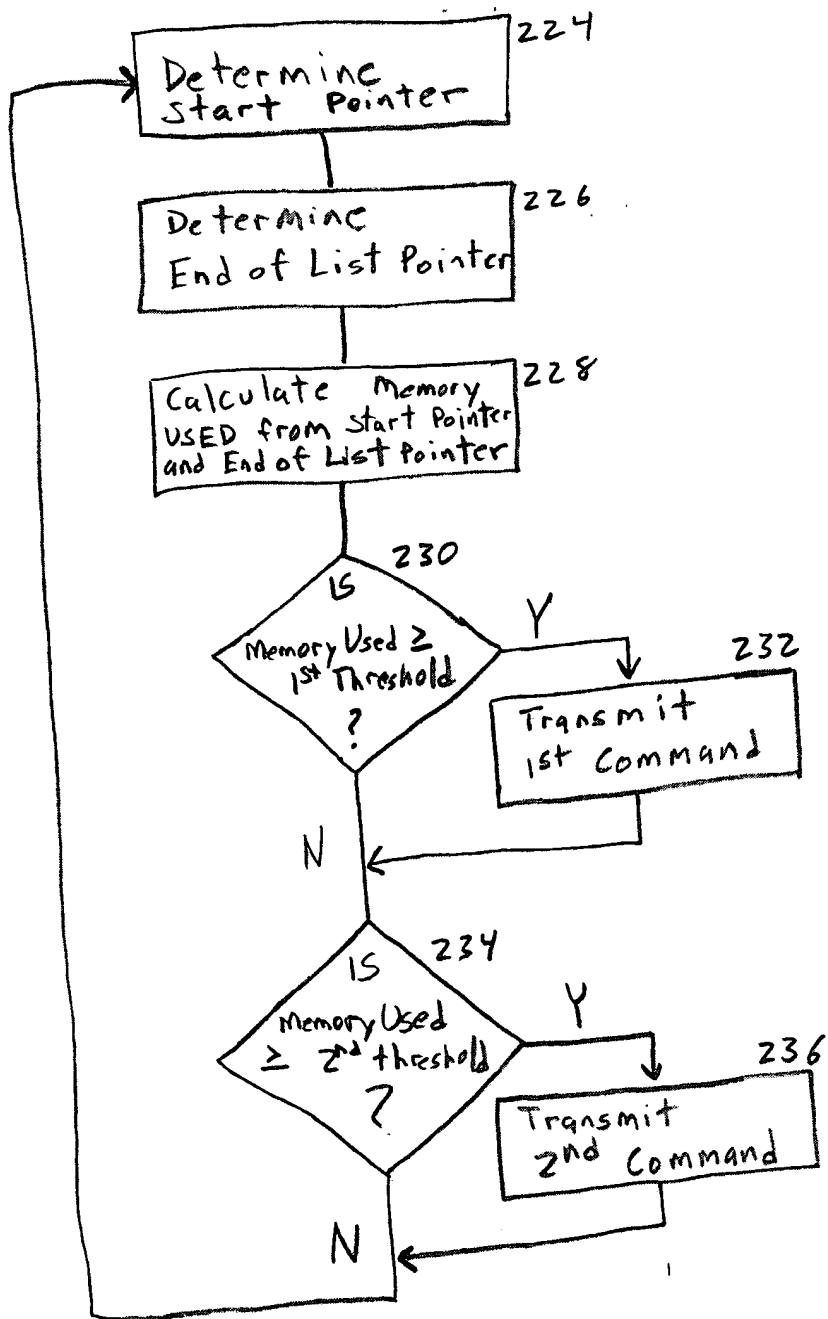


FIG. 2C

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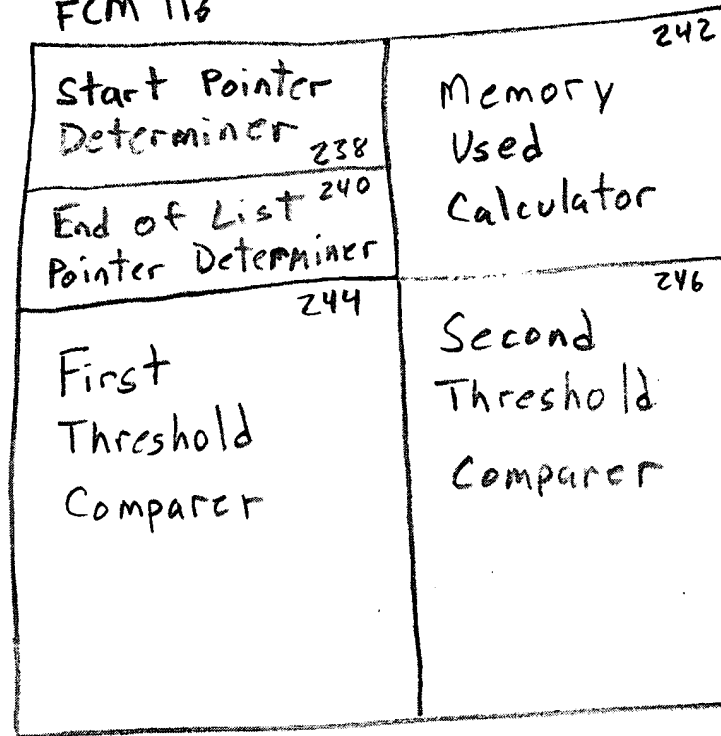


FIG. 2D

300

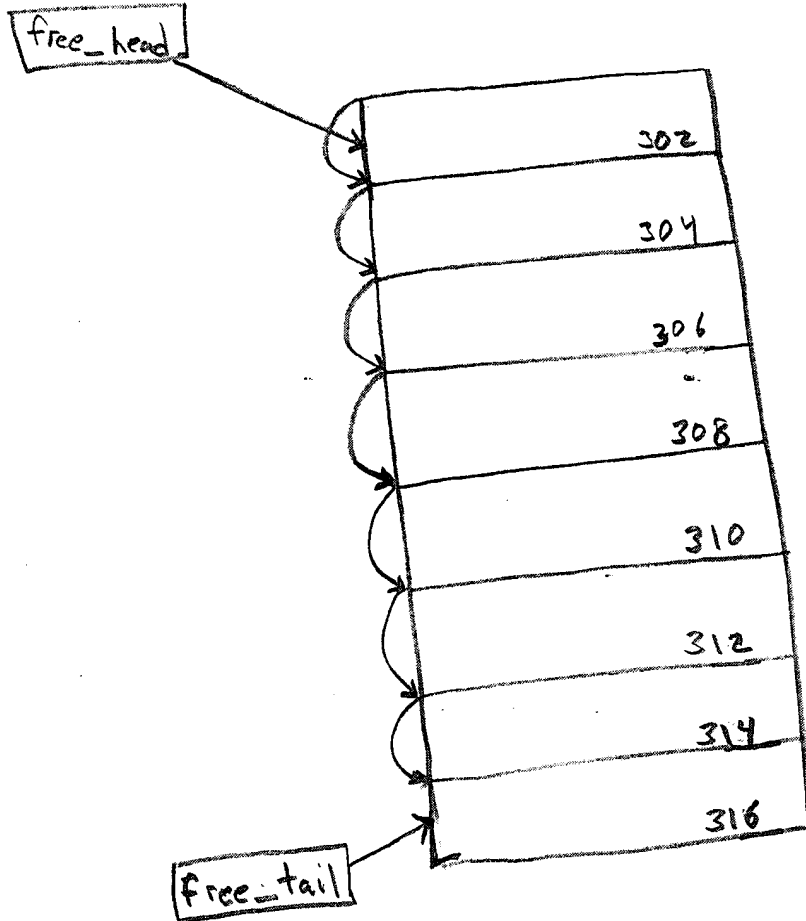


FIG. 3A

300

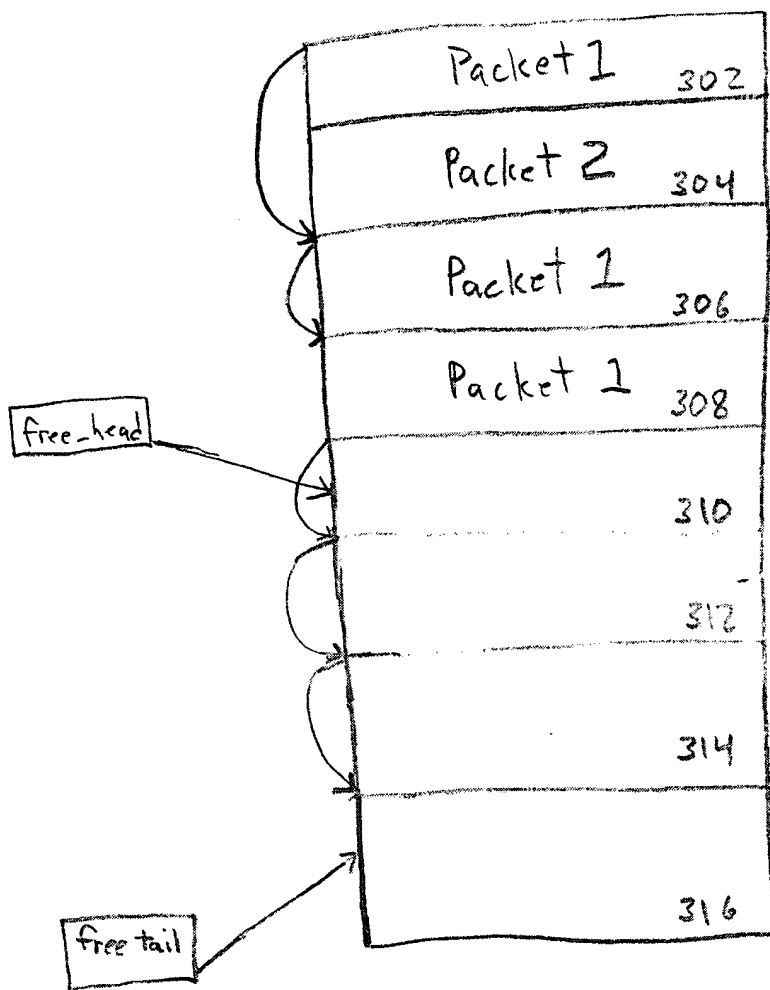


FIG. 3B



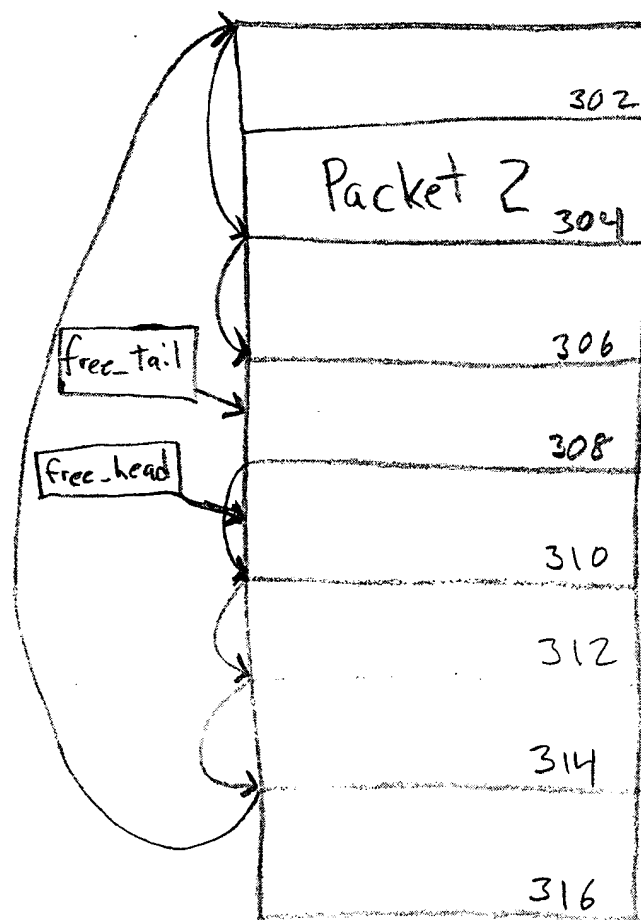


FIG. 3C

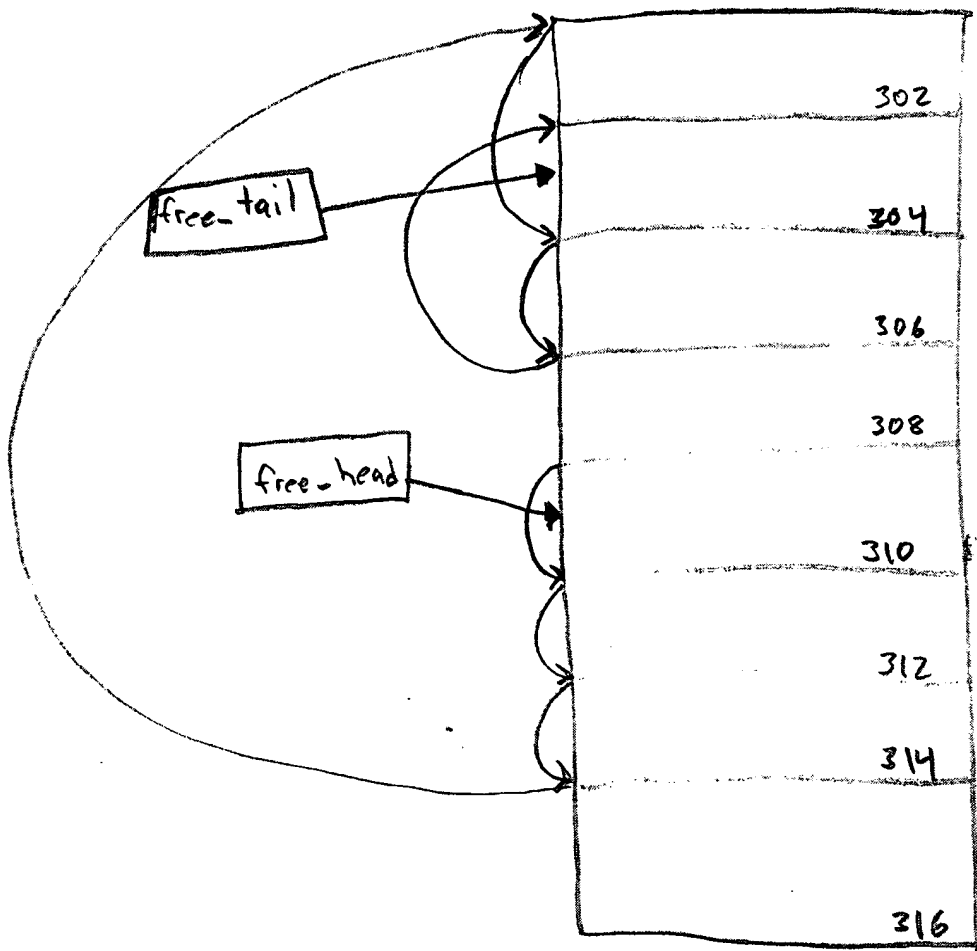


FIG. 3D